CLAIMS

What is claimed is:

1. 1. A method for providing a communication channel that comprises
2. at least one property dynamically changeable during social interactions,
3. comprising:
4.   defining a communication channel comprising a set of properties that are
5. dynamically changeable to determine structure for content delivery;
6.   delivering content through the communication channel between at least
7. two participants while monitoring at least one arbitrary data source;
8.   modeling at least one desired qualitative property for the communication
9. channel based on the monitoring of the at least one arbitrary data source; and
10.   dynamically changing the set of properties for the communication channel
11. based on the at least one desired qualitative property.

1. 2. A method according to Claim 1, further comprising:
2.   altering the communication channel as a primary communication channel.

1. 3. A method according to Claim 2, wherein the content delivered
2. over the primary communication channel substantially comprises elements of
3. human language.

1. 4. A method according to Claim 1, further comprising:
2.   altering the communication channel as a continuous communication
3. channel.

1. 5. A method according to Claim 1, further comprising:
2.   monitoring content delivered over a primary communication channel.

1   6.   A method according to Claim 5, wherein the content delivered
2 over the primary communication channel substantially comprises elements of
3 analyzed human language.

1   7.   A method according to Claim 6, further comprising:
2   performing speech recognition to the content delivered over the primary
3 channel in determining the analyzed human language elements.

1   8.   A method according to Claim 5, wherein the content delivered
2 over the primary communication channel substantially comprises elements of
3 prosodic content.

1   9.   A method according to Claim 8, wherein the prosodic content
2 elements comprise prosodic evidence of emotional state.

1   10.   A method according to Claim 8, wherein the prosodic content
2 elements comprise prosodic evidence of conversational engagement.

1   11.   A method according to Claim 5, wherein the content delivered
2 over the primary communication channel substantially comprises elements of
3 audio content.

1   12.   A method according to Claim 5, wherein the content delivered
2 over the primary communication channel substantially comprises elements of text.

1   13.   A method according to Claim 1, further comprising:
2   monitoring content delivered over a secondary communication channel.

1   14.   A method according to Claim 13, wherein the content delivered
2 over the secondary communication channel substantially comprises elements of
3 video content.

1   15.   A method according to Claim 1, further comprising:

2   monitoring content delivered over the communication channel comprising

3 conversational characteristics.

1   16.   A method according to Claim 15, further comprising:

2   providing temporal alignment of features identified in the conversational

3 characteristics.

1   17.   A method according to Claim 1, further comprising:

2   monitoring out-of-channel context.

1   18.   A method according to Claim 17, wherein the out-of-channel

2 context originates from contact sensors.

1   19.   A method according to Claim 17, wherein the out-of-channel

2 context originates from ambient environment sensors.

1   20.   A method according to Claim 17, wherein the out-of-channel

2 context originates from an input device.

1   21.   A method according to Claim 1, further comprising:

2   drawing an inference based on the modeling.

1   22.   A method according to Claim 21, wherein the inference comprises

2 assessing attributes of individuals.

1   23.   A method according to Claim 21, wherein the inference comprises

2 assessing attributes of environment.

1   24.   A method according to Claim 21, wherein the inference comprises

2 assessing attributes of groups.

1   25.   A method according to Claim 21, wherein the inference comprises

2 modeling goals of individuals.

1   26.   A method according to Claim 25, wherein the inference further

2 comprises modeling the goals of the individuals as a group.

1   27.   A method according to Claim 1, further comprising:

2   drawing an inference based on historical information.

1   28.   A method according to Claim 27, wherein the inference is based on

2 a history of monitored data.

1   29.   A method according to Claim 27, wherein the inference is based on

2 a history of modeled attributes.

1   30.   A method according to Claim 27, wherein the inference is based on

2 a history of channel properties.

1   31.   A method according to Claim 1, further comprising:

2   drawing an inference based on joint behaviors of the at least two

3 participants.

1   32.   A method according to Claim 31, wherein the inference comprises

2 drawing the inference on common actions.

1   33.   A method according to Claim 31, wherein the inference comprises

2 drawing the inference on a temporal correlation of actions.

1   34.   A method according to Claim 1, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4 further based on the additional manual input.

1   35.   A method according to Claim 1, further comprising:

2   altering the at least one desired qualitative property comprising at least

3 one of binary and categorical settings.

1   36.   A method according to Claim 1, further comprising:

2   altering the at least one desired qualitative property comprising at least

3 one additional parametric property.

1   37.   A method for providing a communication channel that comprises

2   at least one property dynamically changeable during social interactions,

3   comprising:

4   defining a communication channel comprising a set of properties that are

5   dynamically changeable to determine structure for content delivery and a user

6   interface associated with the communication channel;

7   delivering content through the communication channel between at least

8   two participants while monitoring the communication channel;

9   modeling at least one desired property for the communication channel; and

10   dynamically changing the user interface based on the at least one desired

11 property.

1   38.   A method according to Claim 37, further comprising:

2   altering the communication channel as a primary communication channel.

1   39.   A method according to Claim 37, further comprising:

2   altering the communication channel as a continuous communication

3   channel.

1   40.   A method according to Claim 37, wherein the communication

2   channel comprises at least one arbitrary data source, further comprising:

3   drawing an inference based on the at least one arbitrary data source.

1   41.   A method according to Claim 40, further comprising:

2   monitoring content delivered over a primary communication channel.

1   42.   A method according to Claim 40, further comprising:

2   monitoring content delivered over a secondary communication channel.

1   43.   A method according to Claim 40, further comprising:

2   monitoring content delivered over the communication channel comprising

3   conversational characteristics.

1   44.   A method according to Claim 40, further comprising:

2   monitoring out-of-channel context.

1   45.   A method according to Claim 40, further comprising:

2   drawing an inference based on the modeling.

1   46.   A method according to Claim 40, further comprising:

2   drawing an inference based on historical information.

1   47.   A method according to Claim 40, further comprising:

2   drawing an inference based on joint behaviors of the at least two

3 participants.

1   48.   A method according to Claim 40, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4 further based on the additional manual input.

1   49.   A method according to Claim 48, wherein the additional manual

2 input comprises a main controlling input.

1   50.   A method according to Claim 48, wherein the additional manual

2 input comprises at least one of an override and alternative controlling input.

1   51.   A method according to Claim 40, wherein the at least one desired

2 property comprises a qualitative property, further comprising:

3   altering the qualitative property.

1   52.   A method according to Claim 40, wherein the at least one desired

2 property comprises a parametric property, further comprising:

3   altering the parametric property.

1   53.   A method according to Claim 40, wherein the at least one desired

2 property comprises a temporal property, further comprising:

3   altering the temporal property.

54.   A method according to Claim 53, further comprising:

changing between at least two settings selected from the set comprising

simplex, half duplex and duplex.

55.   A method according to Claim 40, wherein the at least one desired

property comprises a user controls property, further comprising:

altering the user controls property.

56.   A method according to Claim 55, further comprising:

controlling content over the communication channel.

57.   A method for providing a communication channel that comprises

at least one property dynamically changeable during social interactions,

comprising:

defining a communication channel comprising a set of properties that are

dynamically changeable to determine structure for content delivery and a user

interface associated with the communication channel;

delivering content through the communication channel between at least

two participants while monitoring independent gestures perceived relative to the

user interface associated with the communication channel;

modeling at least one desired property for the communication channel

based on the gestures; and

dynamically changing the set of properties for the communication channel

based on the at least one desired property.

58.   A method according to Claim 57, further comprising:

altering the communication channel as a primary communication channel.

59.   A method according to Claim 57, further comprising:

altering the communication channel as a continuous communication

channel.

1   60.   A method according to Claim 57, wherein the communication

2   channel comprises at least one arbitrary data source, further comprising:

3   drawing an inference based on the at least one arbitrary data source.

1   61.   A method according to Claim 57, further comprising:

2   receiving additional manual input; and

3   dynamically changing the set of properties for the communication channel

4   further based on the additional manual input.

1   62.   A method according to Claim 57, wherein the at least one desired

2   property comprises a qualitative property, further comprising:

3   altering the qualitative property.

1   63.   A method according to Claim 57, wherein the at least one desired

2   property comprises a parametric property, further comprising:

3   altering the parametric property.

1   64.   A method according to Claim 57, wherein the at least one desired

2   property comprises a temporal property, further comprising:

3   altering the temporal property.

1   65.   A method according to Claim 57, wherein the at least one desired

2   property comprises a user controls property, further comprising:

3   altering the user controls property.

1.   66.   A system for providing a communication channel that comprises at

2   least one dynamically changeable property, comprising:

3   a communication channel comprising at least one property that is

4   dynamically changeable to determine structure for content delivery and to deliver

5   content through the communication channel between at least two participants;

6   a modeling component to model at least one desired property for the

7   communication channel; and

8   a switch to dynamically change the at least one property for the

9   communication channel based on the at least one desired property.

1   67.   A method for providing a communication channel that comprises

2   at least one dynamically changeable property, comprising:

3   defining a communication channel comprising at least one property that is

4   dynamically changeable to determine structure for content delivery;

5   delivering content through the communication channel between at least

6   two participants;

7   modeling at least one desired property for the communication channel; and

8   dynamically changing the at least one property for the communication

9   channel based on the at least one desired property.